

BACTERIOLOGICAL REVIEWS

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BACTERIOLOGICAL REVIEWS

INSTRUCTIONS TO AUTHORS

Bacteriological Reviews accepts reviews and monographs dealing with all aspects of microbiology. Authoritative and critical reviews of the current state of knowledge are preferred, although historical analyses will be accepted if the importance of the subject justifies this approach. Unevaluated compilations of the literature and annotated bibliographies do not fall within the scope of *Bacteriological Reviews*. Manuscripts of talks delivered at symposia and round tables are likewise unacceptable; however, their authors are encouraged to discuss with the Editor the possibility of using such material as the basis for preparation of a review, when publication in this form seems appropriate.

Monographs should embody the results of unusually extensive and well-rounded original investigations, the usefulness of which would be diminished by publication in the form of a series of separate papers. Past experience suggests that the monograph is particularly appropriate for the presentation of a definitive study on the biology of a microbial group.

Members of the Editorial Board will welcome any suggestions of topics and authors, either from prospective authors or from others. Prospective authors are advised to discuss with the Editor the suitability of their proposed contribution. The preparation of a synopsis or topical outline is desirable, since it often elicits constructive suggestions from editorial consultants. In addition, a one or two paragraph statement detailing the aim, scope, and relevance of the topic to be reviewed must be included with the outline. A review cannot, of course, be finally accepted until the finished product has been examined.

The editorial style of *Bacteriological Reviews* conforms to the *CBE Style Manual* (3rd ed., AIBS, 1972). References should be listed alphabetically according to the last name of the senior author, numbered serially, and cited by number in the text. For example: 136. Salton, M. R. J. 1952. Cell wall of *Micrococcus lysodeikticus* as the substrate of lysozyme. *Nature* 170:746-747. Names of journals are abbreviated according to *Chemical Abstracts Service Source Index* (American Chemical Society, 1970). A table of contents showing the major headings and subheadings of the text is usually desirable; consult recent issues of *Bacteriological Reviews* for style. All abbreviations used (except those for standard units of measurement) should be defined parenthetically at first use in the text. Biochemical abbreviations and nomenclature should essentially follow "Biochemical Nomenclature" in *Handbook of Biochemistry* (2nd ed., 1970, H. A. Sober, ed., The Chemical Rubber Co., Cleveland, p. A4-A24). In general, measurements should be expressed in terms of standard international metric units. Enzyme activity should be expressed in terms of international units (*Enzyme Nomenclature*, Elsevier Publishing Co., 1965), and the E. C. number should be given parenthetically at first use in the text. Genetics symbols introduced by the reviewer should essentially follow the recommendations of Demerec et al. (*Genetics* 54:61, 1966). As one of the requirements for description of a new species, we require deposition of the type culture in a recognized culture collection and designation of the accession number.

To expedite editorial review and preparation for the printers, the author should *submit two copies of the manuscript, including illustrations*. Original drawings should not be submitted; glossy prints are required. When appropriate, magnification should be indicated by a suitable scale on the photograph. Each figure should be numbered and should include the name of the author, either in the margin or on the back (marked lightly with a *soft* pencil). All material should be double-spaced, including quotations, tables, legends for text figures, and references. This is essential to allow space for corrections and printer's instructions. Each reference cited should be checked with the original publication; titles and both first and last pages should be included. References to unpublished data, abstracts, theses, and personal communications should be kept to a minimum; if unavoidable, these citations should be made in the text only, not in the list of references. Text footnotes are not permitted. (Subsidiary or extraneous material may be given, if necessary, within parentheses or brackets.) It is preferable to summarize supporting evidence whenever possible. When original data are presented, it is essential that the methods be fully described or that reference be made to previously published methods. It is the author's responsibility to obtain permission from the copyright owner to reproduce figures, tables, or quotations of more than 12 lines of text taken intact from previous publications, either his own or those of another author. Note that the journal or publisher (not the author) is the copyright owner; however, as a matter of courtesy the author's permission should be obtained as well. Each contributor will receive 500 gratis reprints of his contribution; additional reprints (in multiples of 100) may be purchased if desired. A table showing the cost of reprints, and an order form, will be sent with the proof. There are no page charges.

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The Society welcomes to active membership any person who is interested in its objects, and who holds a bachelor's degree in microbiology or a related field (or who has had training and experience equivalent to that represented by a bachelor's degree).

The Society has seven scientific journals: (1) *Journal of Bacteriology* (JB), in which are found original communications on all branches of fundamental microbiology; (2) *Applied Microbiology* (AM), which contains original communications dealing mainly with industrial and applied applications of microbiology; (3) *Journal of Virology* (JVI), which is devoted to articles on fundamental knowledge of viruses of bacteria, plants, and animals; (4) *Infection and Immunity* (IAI), which contains original communications on all aspects of medical microbiology and immunology; (5) *Antimicrobial Agents and Chemotherapy* (AAC), which includes all aspects of antimicrobial agents and chemotherapy, including cancer chemotherapy; (6) *Bacteriological Reviews* (BR), a quarterly review journal containing articles on subjects of current microbiological interest, and (7) *International Journal of Systematic Bacteriology* (IJSB), a quarterly journal devoted to bacterial nomenclature, published for the IAMS. In addition, the Society publishes the monthly ASM NEWS, which is sent to all members and contains news and announcements of concern to all microbiologists.

The Society holds an Annual Meeting where the latest results of research in all branches of microbiology are presented, and where members have opportunities to become acquainted and to discuss work in progress. The abstracts of papers presented at the meetings are published.

The annual Interscience Conference on Antimicrobial Agents and Chemotherapy provides opportunity for an exchange of information among all scientific disciplines interested in chemotherapeutic agents and infectious disease.

The minimum annual membership fee is \$20 which includes \$5 dues, \$2 for subscription to *ASM News*, and \$13 for a year's subscription to any one of the Society's journals listed in No. 1 below. **You must fill in No. 1. For additional journals, fill in No. 2.**

Memberships are initiated and renewed as of January 1 each year. Unless there are directions to the contrary, membership nominations received prior to November 1 will be credited to the current year, and back issues of the selected publications for the current year will be furnished. Nominations received after November 1 will become effective on the following January 1.

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